



Foundation MT is made specifically for J+J Flooring, EF Contract and Pentz modular carpet. The pad can be installed over a properly prepared subfloor prior to installation of the J+J Flooring, EF Contract and Pentz modular carpeting. The 100% high density polyurethane foam pad adds comfort, reduces noise, blocks moisture and resists mold.

**MANUFACTURER REQUIRES THAT THE CARPET BE INSPECTED PRIOR TO INSTALLATION FOR PROPER STYLE, COLOR AND POTENTIAL DEFECTS. NO CLAIMS WILL BE HONORED IF THE CARPET IS INSTALLED WITH VISIBLE DEFECTS.**

**SITE AND MODULAR MATERIAL CONDITIONING** - The building must be enclosed and the HVAC in continuous operation. Modules must be conditioned to room temperature for 48 hours prior to installation. The ambient air relative humidity must be between 10% - 65% with a floor and room temperature between 65 – 95 degrees Fahrenheit. These conditions must be maintained for a minimum of 48 hours prior to installation and at least 48 hours after completion of the installation.

**SURFACE PREPARATION** - Dust, dirt, debris and non-compatible adhesive must be removed before the installation begins. Surfaces must be smooth and level with all holes and cracks 1/8 inch or wider filled with Portland cement-based patch reinforced with polymers or primed with APAC ENCapSeal. For complete information refer to ACI Concrete 302.104R Report.

**LATEX OR OLD ADHESIVES** - Must be mechanically scraped down to a bare residue flat with the concrete substrate or covered with a skim coat of Portland cement-based patch reinforced with polymers. Any old adhesive residue must also be covered with APAC ENCapSeal. Note: Failure to remove or seal dissimilar adhesives may cause installation failure, plasticizer migration, shifting, buckling or edge curling; these conditions will not be covered under warranty.

**CONCRETE MOISTURE TESTING and pH Testing** - Substrate surfaces must be tested for moisture. It is the responsibility of the owner or owner's representative to perform moisture testing prior to starting the installation. ASTM F 2170-2 relative humidity probe moisture testing is required. Acceptable relative humidity probe testing results are up to 90% RH. Alkalinity tests should also be performed per ASTM F 710. The maximum acceptable pH is 9.0. For test results that determine pH readings of 9.0 – 11.00, APAC ENCapSeal is required.

#### **SUBFLOORS**

*New Concrete* – New concrete must be fully cured and free of moisture (see ASTM F 2170-2). New concrete requires a curing period of approximately 90 days. For complete information, refer to CRI – 104 Installation Standard.

*Old Concrete* – Old concrete must be checked for moisture. Dry, dusty, porous floors must be primed or encapsulated with TriSeal Sealer; Note: primers will not correct a moisture problem. For complete information, refer to CRI – 104 Installation Standard.

*Wood* – Wood floors must be smooth, level and APA floor grade. If the floor is uneven, an approved underlayment will be required. Old finishes must be tested for compatibility with adhesives or removed and porous wood primed with APAC ENCapSeal.

*Terrazzo / Marble* – Level all grout lines with Portland cement-based patch reinforced with polymers. Glossy surfaces must be sanded for adhesive bond. Waxes and similar finishes must be removed.

*Hard Surfaces* – Tiles must be well secured to the floor or removed. Broken, damaged, or loose tiles must be replaced. Waxes and similar finishes must be removed from VCT before applying adhesive. Existing sheet vinyl is not a suitable substrate for modular installation and must be removed.

**OLD CARPET** – Remove old carpet adhesives by scraping or other mechanical means. Remove existing adhesives to bare residue. When adhesives are dissimilar, APAC ENCapSeal is required.

**FULL SPREAD ADHESIVE SYSTEM** – A full spread adhesive system is required for installation of Foundation MT. Fully spread Commercialon® Premium Modular Pressure Sensitive Adhesive using a 3/8" nap or foam paint roller. Keep the roller saturated and wet with adhesive throughout the installation in order to maintain a constant spread rate. Allow to completely dry so adhesive does not transfer when touched. The spread rate for Commercialon Premium Modular Adhesive is approximately 120 sq. yds. per four gallon bucket. Inadequate amounts of adhesive can cause the pad to shift and move and will not be covered under warranty. Warranty coverage requires the use of Commercialon Premium Modular Adhesive. Failure to use Commercialon Premium Modular Adhesive will void Lifetime Material Warranty. J+J Flooring, EF Contract or Pentz Commercial will not be responsible for the adhesive bond where other adhesives have been used.

**PAD/PLACEMENT INSTALLATION** - Roll out the pad with the scrim side up onto the dried Premium Modular Adhesive. Make certain that there are no wrinkles or buckles in the pad once installed. Once these steps are completed, follow J+J Flooring, EF Contract and Pentz Nexus Modular Installation Instructions for installation of J+J Flooring, EF Contract and Pentz Commercial's Modular Carpeting. \*Always position the modular carpeting as such that the pad seam and modular carpeting seam are offset to each other.

The procedures listed above are our best recommendations for installing Foundation MT. If you have further questions or require additional information please contact:

For J+J Flooring products: J+J Flooring Customer Relations Department at 800-241-4586

For EF Contract products: EF Contract Customer Relations Department at 800-451-1250

For Pentz products: Pentz Technical Service at 866-706-9745 x8407

**ROLL SIZE**

Roll dimensions are customizable based on quantity.

Standard - 6' x 45' roll, 270 ft<sup>2</sup>

**MATERIAL**

100% High Density Frothed  
Polyurethane Foam

**THICKNESS**

0.150"

**SOUND RATING**

Impact Insulation Class (ASTM E492-90)

59 IIC

**WATER RESISTANCE**

British Spill Test Method E

*Breathable Integral Skin Barrier, allows vapor to pass while  
blocking liquid spills, making clean up easier and more effective.*

Pass

**INSULATION RATING**

R-Factor (ASTM C518-10)

0.48

U-Factor (ASTM C-518) Thermal Conductance

3.487 BTU/HR - ft<sup>2</sup>F

*Excellent for radiant heated floors.*

**FIRE RATING**

NBS Smoke Chamber

Pass (450 or less)

Pill Test (FF 1-70)

Pass

Radiant Panel (ASTM E648)

Exceeds Class1

**DURABILITY**

Compression Set

25% max

Tensile Strength

15.2 lbs/in<sup>2</sup>

Indentation Force Deflection (25%)

185.5 lbs

Indentation Load Deflection (65%)

1,500 lbs

**WARRANTY**

Warranted for a lifetime to the  
original purchaser

**RENEWABLE CONTENT**

Incorporates eco-friendly soybean oil replacing an equal amount of fossil fuel petrochemicals. This reduces both global warming emissions and foreign oil usage while supporting farmers and local producers.

*Applicable towards LEED Credit MR 6.0 - Rapidly Renewable Resources*

**INDOOR AIR QUALITY**

Third party tested and certified as a low VOC Interior building material. UL GREENGUARD GOLD Certified® for your assurance of the very best indoor air quality.

*Applicable towards LEED Credit EQ 4.3 - Low Emitting Product*

**ANTIMICROBIAL**

Ultra-Fresh® Antimicrobial Protection prevents mold, mildew and bacterial growth for a lifelong odor-free installation.

**RECYCLABLE**

Zero-Landfill manufacturing process, all materials are reused in products with recycled content. Post-consumer recyclable.



6'

**ROLL SPECIFICATIONS****ROLL SIZE**

6' X 45' ROLL (270 ft<sup>2</sup>)

**ROLL WEIGHT**

65.5 lbs

**CORE SIZE**

3'